

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

<b>APPLICATION FOR PERMIT TO DRILL</b>		<b>1. WELL NAME and NUMBER</b> DS 15G-5-10-18
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		<b>3. FIELD OR WILDCAT</b> UTELAND BUTTE
<b>4. TYPE OF WELL</b> Oil Well Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> NEMO (GR)
<b>6. NAME OF OPERATOR</b> QEP ENERGY COMPANY		<b>7. OPERATOR PHONE</b> 303 308-3068
<b>8. ADDRESS OF OPERATOR</b> 11002 East 17500 South, Vernal, Ut, 84078		<b>9. OPERATOR E-MAIL</b> debbie.stanberry@qepres.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU81003	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>	<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	
<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>		

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	856 FSL 1637 FEL	SWSE	5	10.0 S	18.0 E	S
Top of Uppermost Producing Zone	1500 FNL 660 FEL	SENE	5	10.0 S	18.0 E	S
At Total Depth	1500 FNL 660 FEL	SENE	5	10.0 S	18.0 E	S

<b>21. COUNTY</b> UINTAH	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 660	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40
	<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 4500	<b>26. PROPOSED DEPTH</b> MD: 4653 TVD: 4653
<b>27. ELEVATION - GROUND LEVEL</b> 5245	<b>28. BOND NUMBER</b> ESB000024	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> A-36125/ 49-2153


**Hole, Casing, and Cement Information**

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	9.625	0 - 450	36.0	J-55 ST&C	0.0	Rockies Lite	170	1.81	13.5
Prod	8.75	7	0 - 4573	26.0	N-80 LT&C	9.5	Halliburton Light , Type Unknown	350	2.95	11.0
							50/50 Poz	190	1.24	13.5

**ATTACHMENTS**

**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

<b>NAME</b> Valyn Davis	<b>TITLE</b> Regulatory Affairs Analyst	<b>PHONE</b> 435 781-4369
<b>SIGNATURE</b>	<b>DATE</b> 03/06/2012	<b>EMAIL</b> Valyn.Davis@qepres.com
<b>API NUMBER ASSIGNED</b> 43047524060000	<b>APPROVAL</b>  Permit Manager	

LOCATION OF LATERAL NUMBER 1	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
Location At Kickoff Point Depth: 4653	856 FSL    1637 FEL	SWSE	5	10.0 S	18.0 E	S
Top of Uppermost Producing Zone	856 FSL    1637 FEL	SWSE	5	10.0 S	18.0 E	S
At Total Depth	1500 FNL    660 FEL	SENE	5	10.0 S	18.0 E	S
COUNTY UINTAH	DISTANCE TO NEAREST LEASE LINE (Feet) 660					
DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 4500	PROPOSED DEPTH MD: 8002    TVD: 5227					

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
L1	6.125	4.5	0 - 7968	11.6	N-80 LT&C	9.5	No Used	0	0.0	0.0

LOCATION OF LATERAL NUMBER 2	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
Location At Kickoff Point Depth: 4523	856 FSL    1637 FEL	SWSE	5	10.0 S	18.0 E	S
Top of Uppermost Producing Zone	856 FNL    1637 FEL	SWSE	5	10.0 S	18.0 E	S
At Total Depth	1000 FNL    660 FEL	NENE	8	10.0 S	18.0 E	S
COUNTY UINTAH	DISTANCE TO NEAREST LEASE LINE (Feet) 660					
DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 4500	PROPOSED DEPTH MD: 6950    TVD: 5047					

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
L2	6.125	4.5	0 - 6920	11.6	N-80 LT&C	9.5	No Used	0	0.0	0.0

# WELL LOCATION PLAT T10S, R18E, S.L.B.&M.

QEP ENERGY COMPANY

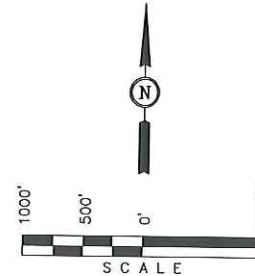
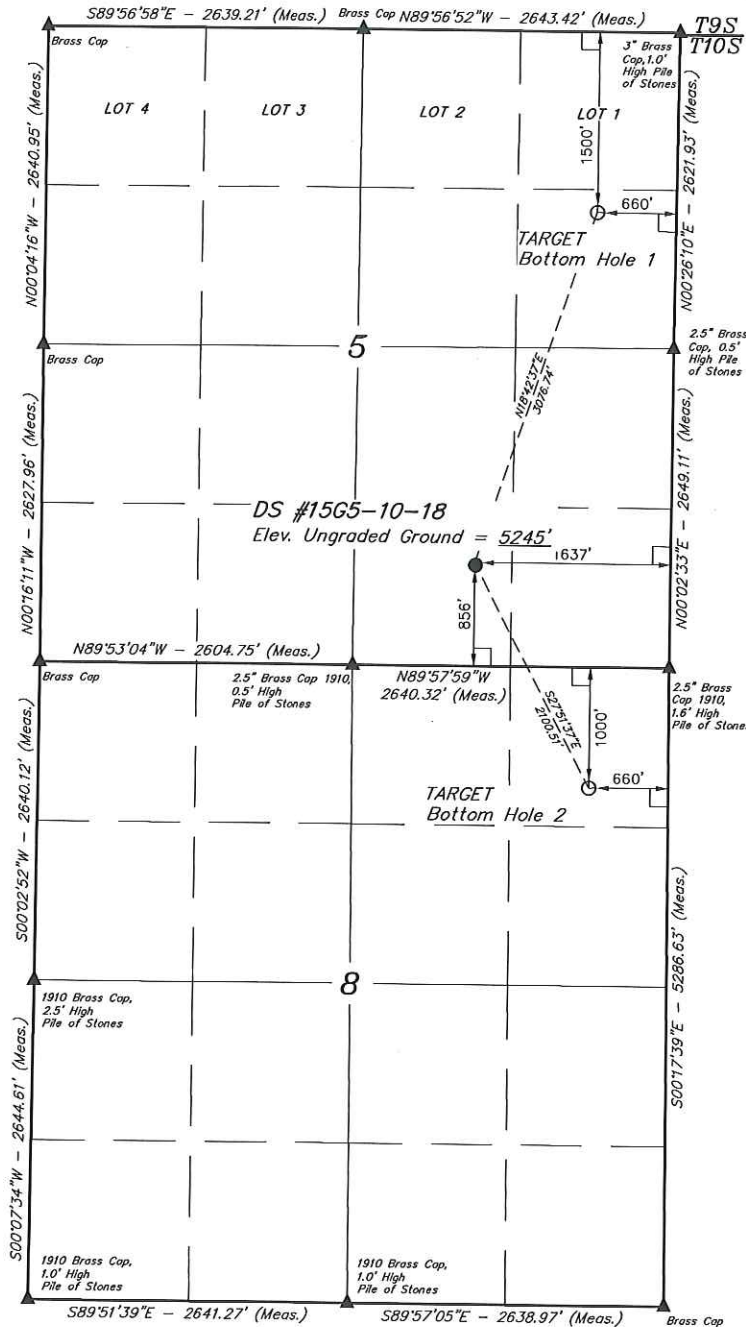
Well location, DS #15G5-10-18, located as shown in the SW 1/4 SE 1/4 of Section 5, T10S, R18E, S.L.B.&M., Uintah County, Utah.

## BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 14, T10S, R18E, S.L.B.&M., TAKEN FROM THE MOON BOTTOM QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5129 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



## LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME, MY SUPERVISOR AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
No. 161319  
STATE OF UTAH  
DATE: 02-14-12

REVISED: 02-14-12  
REVISED: 02-13-12

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

NAD 83 (TARGET BOTTOM HOLE 2)	NAD 83 (TARGET BOTTOM HOLE 1)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°57'46.64" (39.962956)	LATITUDE = 39°58'33.78" (39.976050)	LATITUDE = 39°58'04.99" (39.968053)
LONGITUDE = 109°54'37.19" (109.910331)	LONGITUDE = 109°54'37.15" (109.910319)	LONGITUDE = 109°54'49.80" (109.913833)
NAD 27 (TARGET BOTTOM HOLE 2)	NAD 27 (TARGET BOTTOM HOLE 1)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°57'46.77" (39.962992)	LATITUDE = 39°58'33.91" (39.976086)	LATITUDE = 39°58'05.12" (39.968089)
LONGITUDE = 109°54'34.66" (109.909828)	LONGITUDE = 109°54'34.62" (109.909817)	LONGITUDE = 109°54'47.28" (109.913133)

SCALE 1" = 1000'	DATE SURVEYED: 11-14-11	DATE DRAWN: 12-15-11
PARTY A.F. J.M. S.F.	REFERENCES G.L.O. PLAT	FILE QEP ENERGY COMPANY
WEATHER WARM		